

ABSTRACT OF THE DISCLOSURE

From profiles of an input color space and an output color space, the specific color data on respective color spaces are obtained, and a color space compression parameter is set based on each specific color data obtained. In other words, the color space compression parameter for appropriately converting data within the input color space into data within the output color space is derived from each specific color data. The color space compression processing (color matching) is performed on an absolute color space using the derived color space compression parameter so that it becomes possible to perform at a higher speed an appropriate color matching that takes into account the characteristics of the input color space and the output color space.